

PRYOR

# VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

## PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS

A. This land application agreement is made on August 24, 2013 between Edward H. Parrish, III referred to here as "Landowner", and Nutri-Blend Inc. referred to here as the "Permittee". This agreement remains in effect until it is terminated in writing by either party or, with respect to those parcels that are retained by the Landowner in the event of a sale of one or more parcels, until ownership of all parcels changes. If ownership of individual parcels identified in this agreement changes, those parcels for which ownership has changed will no longer be authorized to receive biosolids or industrial residuals under this agreement.

### Landowner:

The Landowner is the owner of record of the real property located in Goachland, Virginia, which includes the agricultural, silvicultural or reclamation sites identified below in Table 1 and identified on the tax map(s) attached as Exhibit A.

Table 1.: Parcels authorized to receive biosolids, water treatment residuals or other industrial sludges

Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID
16-1-078-A			
16-1-078-B			
16-30-3-B			

☐ Additional parcels containing Land Application Sites are identified on Supplement A (check if applicable)

Check one:

- ☒ The Landowner is the sole owner of the properties identified herein.  
☐ The Landowner is one of multiple owners of the properties identified herein.

In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall:

1. Notify the purchaser or transferee of the applicable public access and crop management restrictions no later than the date of the property transfer; and
2. Notify the Permittee of the sale within two weeks following property transfer.

The Landowner has no other agreements for land application on the fields identified herein. The Landowner will notify the Permittee immediately if conditions change such that the fields are no longer available to the Permittee for application or any part of this agreement becomes invalid or the information herein contained becomes incorrect.

The Landowner hereby grants permission to the Permittee to land apply residuals as specified below, on the agricultural sites identified above and in Exhibit A. The Landowner also grants permission for DEQ staff to conduct inspections on the land identified above, before, during or after land application of permitted residuals for the purpose of determining compliance with regulatory requirements applicable to such application.

**Class B biosolids**      **Water treatment residuals**      **Food processing waste**      **Other industrial sludges**

☒ Yes    ☐ No    ☐ Yes    ☐ No    ☐ Yes    ☐ No    ☐ Yes    ☐ No

Sara P. Reed, Landowner    Sara P. Reed    2623 Elk Island Road    Columbia, Va. 23038  
Sally P. Southall, Landowner    Sally P. Southall    6541 Buckhill Rd.    Richmond, VA 23225  
Edward H. Parrish, III, Landowner    Edward H. Parrish, III    4401 Hilltop Dr.    Lyndeburg, VA 22502

Landowner - Printed Name, Title

Signature

Mailing Address

### Permittee:

Nutri-Blend Inc., the Permittee, agrees to apply biosolids and/or industrial residuals on the Landowner's land in the manner authorized by the VPA Permit Regulation and in amounts not to exceed the rates identified in the nutrient management plan prepared for each land application field by a person certified in accordance with §10.1-104.2 of the Code of Virginia.

The Permittee agrees to notify the Landowner or the Landowner's designee of the proposed schedule for land application and specifically prior to any particular application to the Landowner's land. Notice shall include the source of residuals to be applied.

☐ I reviewed the document(s) assigning signatory authority to the person signing for landowner above. I will make a copy of this document(s) available to DEQ for review upon request. (Do not check this box if the landowner signs this agreement)

Bill Burnett  
 Permittee - Authorized Representative  
 Printed Name

Bill Burnett  
 Signature

PO Box 39000  
Richmond VA  
 Mailing Address



## VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT

Goochland Co

Permittee: Nutri-Blend Inc. County or City: \_\_\_\_\_Landowner: Edward H. Parrell, Jr. Sara P. Reed Sally P. Southan  
Edward H. Parrell, Jr. Sara P. Reed Sally P. Southan

## Landowner Site Management Requirements:

I, the Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations governing the land application of biosolids, the components of biosolids and proper handling and land application of biosolids.

I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.

I agree to implement the following site management practices at each site under my ownership following the land application of biosolids at the site:

1. Notification Signs: I will not remove any signs posted by the Permittee for the purpose of identifying my field as a biosolids land application site, unless requested by the Permittee, until at least 30 days after land application at that site is completed.
2. Public Access
  - a. Public access to land with a high potential for public exposure shall be restricted for at least one year following any application of biosolids.
  - b. Public access to land with a low potential for public exposure shall be restricted for at least 30 days following any application of biosolids. No biosolids amended soil shall be excavated or removed from the site during this same period of time unless adequate provisions are made to prevent public exposure to soil, dusts or aerosols;
  - c. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by DEQ.
3. Crop Restrictions:
  - a. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after the application of biosolids.
  - b. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after the application of biosolids when the biosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil.
  - c. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months when the biosolids remain on the land surface for a time period of less than four (4) months prior to incorporation.
  - d. Other food crops and fiber crops shall not be harvested for 30 days after the application of biosolids;
  - e. Feed crops shall not be harvested for 30 days after the application of biosolids (60 days if fed to lactating dairy animals).
4. Livestock Access Restrictions:
 

Following biosolids application to pasture or hayland sites:

  - a. Meat producing livestock shall not be grazed for 30 days,
  - b. Lactating dairy animals shall not be grazed for a minimum of 60 days.
  - c. Other animals shall be restricted from grazing for 30 days;
5. Supplemental commercial fertilizer or manure applications will be coordinated with the biosolids and industrial residuals applications such that the total crop needs for nutrients are not exceeded as identified in the nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of Virginia;
6. Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land for three years following the application of biosolids or industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).

Sara P. Reed  
Sally P. Southan  
Edward H. Parrell, Jr.  
Landowner's Signature

August 24, 2013  
August 24, 2013  
Date

Andrew Pryor  
Operator's Name

\_\_\_\_\_  
Contact Number



# VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION

## FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

### PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS

This land application agreement is made on August 27, 2013 between Edward H. Parrish, III referred to here as "Landowner", and Nutri-Blend Inc. referred to here as the "Permittee". This agreement remains in effect until it is terminated in writing by either party or, with respect to those parcels that are retained by the Landowner in the event of a sale of one or more parcels, until ownership of all parcels changes. If ownership of individual parcels identified in this agreement changes, those parcels for which ownership has changed will no longer be authorized to receive biosolids or industrial residuals under this agreement.

#### Landowner:

The Landowner is the owner of record of the real property located in Goochland, Virginia, which includes the agricultural, silvicultural or reclamation sites identified below in Table 1 and identified on the tax map(s) attached as Exhibit A.

Table 1.: Parcels authorized to receive biosolids, water treatment residuals or other industrial sludges

Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID
16-1-0-78-A			
16-1-0-78-B			
16-2-0-3 B			

☐ Additional parcels containing Land Application Sites are identified on Supplement A (check if applicable)

Check one:

- ☒ The Landowner <sup>is</sup> the sole owner of the properties identified herein.  
☐ The Landowner is one of multiple owners of the properties identified herein.

In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 36 months of the latest date of biosolids application, the Landowner shall:

1. Notify the purchaser or transferee of the applicable public access and crop management restrictions no later than the date of the property transfer; and
2. Notify the Permittee of the sale within two weeks following property transfer.

The Landowner has no other agreements for land application on the fields identified herein. The Landowner will notify the Permittee immediately if conditions change such that the fields are no longer available to the Permittee for application or any part of this agreement becomes invalid or the information herein contained becomes incorrect.

The Landowner hereby grants permission to the Permittee to land apply residuals as specified below, on the agricultural sites identified above and in Exhibit A. The Landowner also grants permission for DEQ staff to conduct inspections on the land identified above, before, during or after land application of permitted residuals for the purpose of determining compliance with regulatory requirements applicable to such application.

Class B biosolids	Water treatment residuals	Food processing waste	Other industrial sludges
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Sara P. Reed, Mrs. Sally P. Southall, Landowner Edward H. Parrish, III, Landowner	Sara P. Reed Sally P. Southall Edward H. Parrish, III	2623 Elk Island Road 6541 Buckhill Rd. 4404 Hilltop Dr.	Columbia, Va. 23038 Richmond, VA 23225 De. Lynnhaven VA 24502
Landowner - Printed Name, Title	Signature	Mailing Address	

#### Permittee:

Nutri-Blend Inc., the Permittee, agrees to apply biosolids and/or industrial residuals on the Landowner's land in the manner authorized by the VPA Permit Regulation and in amounts not to exceed the rates identified in the nutrient management plan prepared for each land application field by a person certified in accordance with §10.1-104.2 of the Code of Virginia.

The Permittee agrees to notify the Landowner or the Landowner's designee of the proposed schedule for land application and specifically prior to any particular application to the Landowner's land. Notice shall include the source of residuals to be applied.

☐ I reviewed the document(s) assigning signatory authority to the person signing for landowner above. I will make a copy of this document(s) available to DEQ for review upon request. (Do not check this box if the landowner signs this agreement)

Bill Burnett	Bill Burnett	PO Box 38060
Permittee - Authorized Representative	Signature	Mailing Address
Printed Name		Richmond VA



## VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT

Goochland Co

Permittee: Nutri-Blend Inc. County or City: \_\_\_\_\_Landowner: Sara P. Reed, Edward H. Parich, Jr., Sally P. Southall  
Sara P. Reed, Edward H. Parich, Jr., Sally P. Southall

## Landowner Site Management Requirements:

I, the Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations governing the land application of biosolids, the components of biosolids and proper handling and land application of biosolids.

I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.

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1. Notification Signs: I will not remove any signs posted by the Permittee for the purpose of identifying my field as a biosolids land application site, unless requested by the Permittee, until at least 30 days after land application at that site is completed.
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  - b. Public access to land with a low potential for public exposure shall be restricted for at least 30 days following any application of biosolids. No biosolids amended soil shall be excavated or removed from the site during this same period of time unless adequate provisions are made to prevent public exposure to soil, dusts or aerosols;
  - c. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by DEQ.
3. Crop Restrictions:
  - a. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after the application of biosolids.
  - b. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after the application of biosolids when the biosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil.
  - c. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months when the biosolids remain on the land surface for a time period of less than four (4) months prior to incorporation.
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Following biosolids application to pasture or hayland sites:

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  - b. Lactating dairy animals shall not be grazed for a minimum of 60 days.
  - c. Other animals shall be restricted from grazing for 30 days;
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6. Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land for three years following the application of biosolids or industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).

Sara P. Reed  
Sally P. Southall  
Edward H. Parich, Jr.  
Landowner's Signature

August 24, 2013  
August 27, 2013  
Date

2 of 2

Operator's Name

Contact Number

## Landowner Coordination Form

Permittee: Nutri-Blend Inc.  
County or City: Goochland County

(Signatures not required on this page)

[illegible]

## Selected Parcel Feature

Parcel Map # (PIN2)	16-1-0-78-A
Geographic Parcel # (GPIN) (Click to Zoom)	5799-67-5972
# of Parts	
Account #	14306
Acreage	100.590
Property Street Number	2623
Property Street Name	ELK ISLAND ROAD
Owner Name	REED SARA PARRISH
Mailing Address	2623 ELK ISLAND ROAD
Mailing Address 2	
City	COLUMBIA
State	VA
Zip	23038
Instrument Number	-0
Deed Type	Deed Book
Plat Book	PCE
Plat Page	81
Legal Description	E COLUMBIA ON RT 603100.59 AC PCE 81DB 334 56 334 58 352DB 487 373 714 397 681
2013 Building Value	205500
2013 Yard Items Value	16900
2013 Land Value	87806
2013 Agricultural Credit	142124

Contact Assessor's Office for questions on Assessment Value at 556-5853 or WebPro - <http://goochlandva.patriotproperties.com>

## Selected Parcel Feature

Parcel Map # (PIN2)	16-3-0-3-B
Geographic Parcel # (GPIN) (Click to Zoom)	5799-36-7996
# of Parts	
Account #	14308
Acreage	107.000
Property Street Number	0
Property Street Name	ELK ISLAND ROAD
Owner Name	PARRISH EDWARD HOLMAN III
Mailing Address	4404 HILLTOP DRIVE
Mailing Address 2	
City	LYNCHBURG
State	VA
Zip	24502
Instrument Number	-0
Deed Type	Deed Book
Plat Book	319
Plat Page	688
Legal Description	E COLUMBIA ON RT 603107 ACPB 319 688 352 480 373DB716 384 60 397 674
2013 Building Value	0
2013 Yard Items Value	0
2013 Land Value	43535
2013 Agricultural Credit	134215

Contact Assessor's Office for questions on Assessment Value at 556-5853 or WebPro - <http://goochlandva.patriotproperties.com>



## Selected Parcel Feature

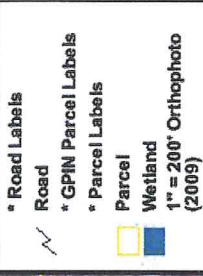
Parcel Map # (PIN2)	16-1-0-78-B
Geographic Parcel # (GPIN) (Click to Zoom)	5799-66-0308
# of Parts	
Account #	14307
Acreage	108.869
Property Street Number	0
Property Street Name	ELK ISLAND ROAD
Owner Name	SOUTHALL SALLY PARRISH
Mailing Address	6541 BUCKHILL ROAD
Mailing Address_2	
City	RICHMOND
State	VA
Zip	23225
Instrument Number	
Deed Type	
Plat Book	PCE
Plat Page	81
Legal Description	E COLUMBIA ON RT 603108.869 AC PCE 81DB 397 677 334 54 352 485DB 373 718
2013 Building Value	0
2013 Yard Items Value	0
2013 Land Value	57609
2013 Agricultural Credit	132629

Contact Assessor's Office for questions on Assessment Value at 556-5853 or WebPro - <http://goochlandva.patriotproperties.com>

## Selected Parcel Feature

Parcel Map # (PIN2)	16-3-0-3-A
Geographic Parcel # (GPIN) (Click to Zoom)	5799-48-1065
# of Parts	
Account #	14309
Acreage	9.958
Property Street Number	2600
Property Street Name	ELK ISLAND ROAD
Owner Name	FORD EILEEN & NANCY C PARRISH
Mailing Address	TRUSTEES
Mailing Address 2	2600 ELK ISLAND ROAD
City	COLUMBIA
State	VA
Zip	23038
Instrument Number	20110001863
Deed Type	Gift
Plat Book	100003154
Plat Page	0
Legal Description	E COLUMBIA ON RT 6039.958#11-1863 PL #10-3154
2013 Building Value	239300
2013 Yard Items Value	34200
2013 Land Value	32875
2013 Agricultural Credit	22760
Contact Assessor's Office for questions on Assessment Value at 556-5853 or WebPro - <a href="http://goochlandva.patriotproperties.com">http://goochlandva.patriotproperties.com</a>	

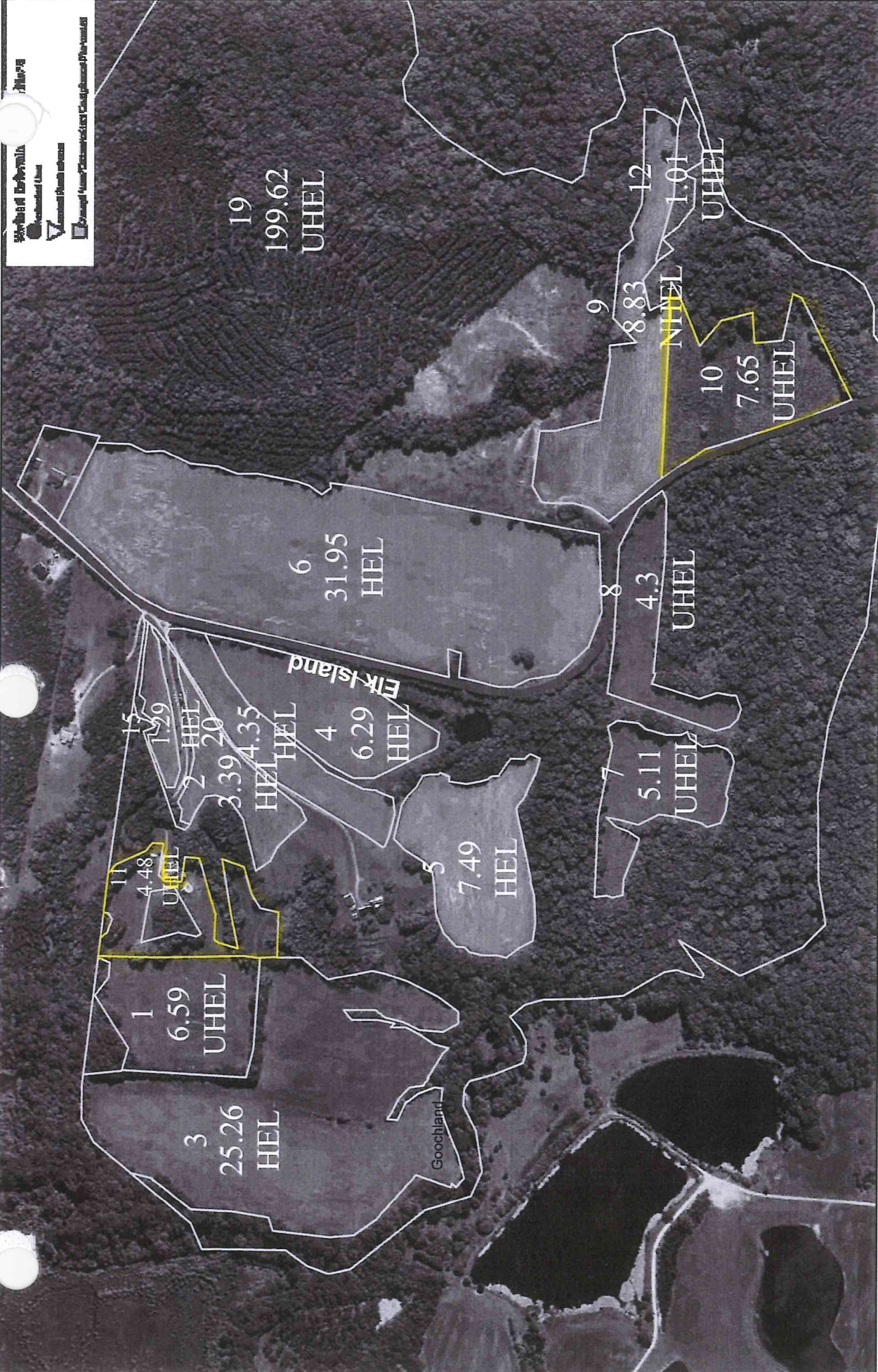




Map Created Utilizing:  
 Goochland County, Virginia GIS Website  
 Data Current Through 12-31-2009  
 © 2010 Goochland County, Virginia. All Rights Reserved.  
 Aerial Imagery © 2007 Goochland County, Virginia





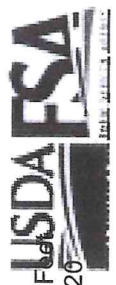


**Farm: 1691**  
**Tract: 1224**  
 1 inch equals 534 feet



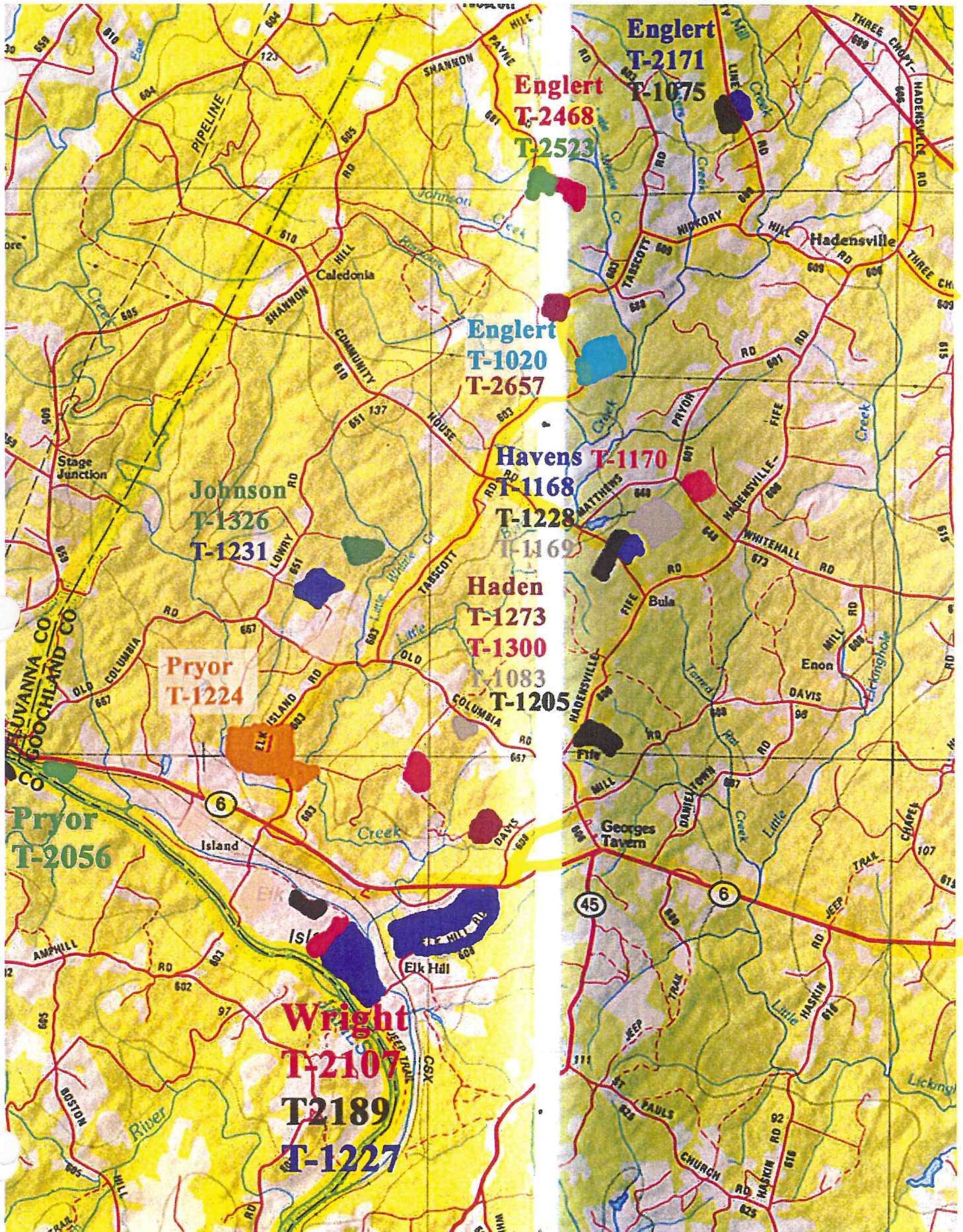
**Farm: 1691**  
**Tract: 1224**

Disclaimer: Wetland identifiers do not represent the size, shape or specific determination of the area. Refer to your original determination (CPA-026 and attached maps) for exact wetland boundaries and determinations, or contact NRCS.



**Goochland County, VA**  
**May 22, 2012**

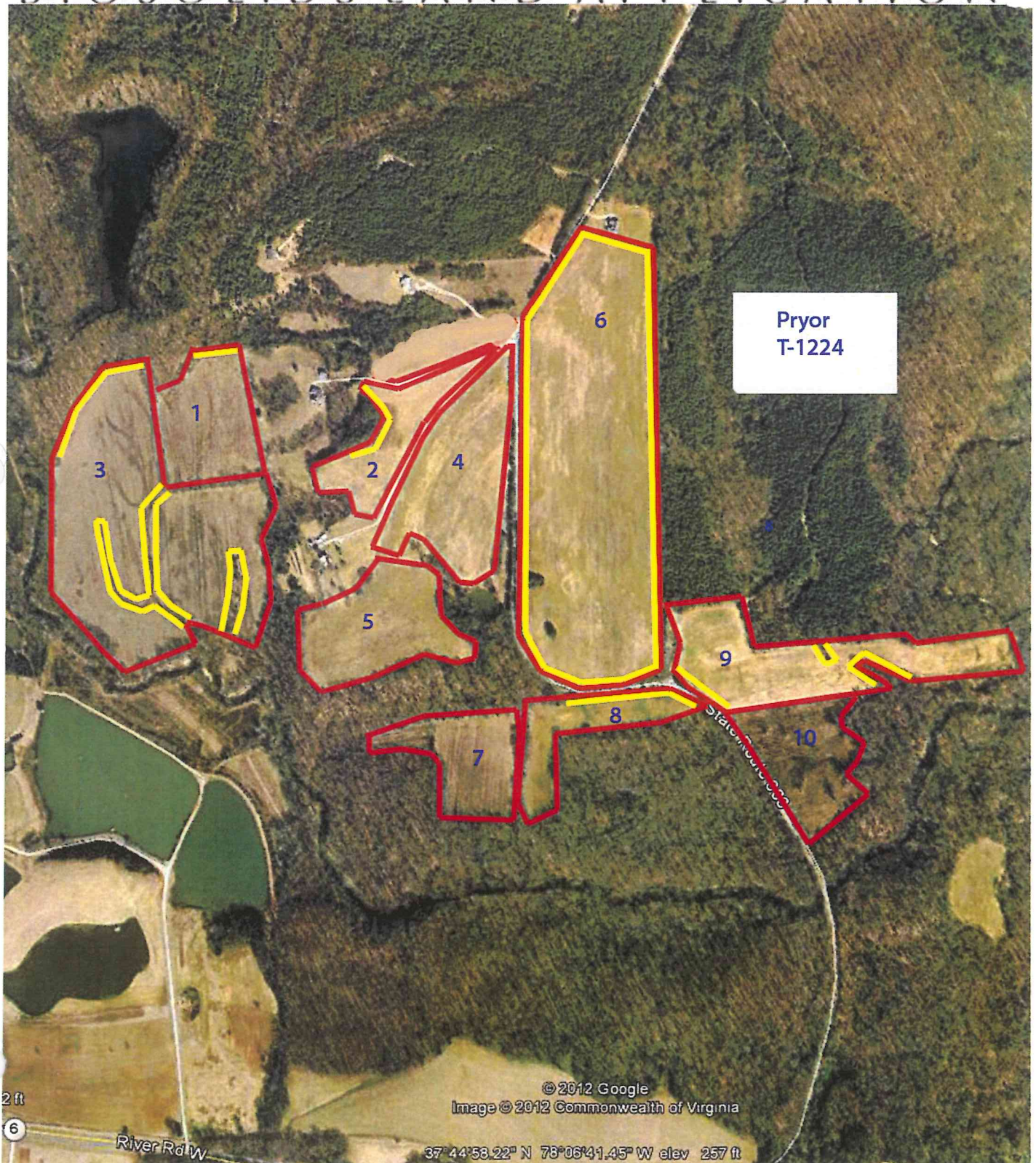




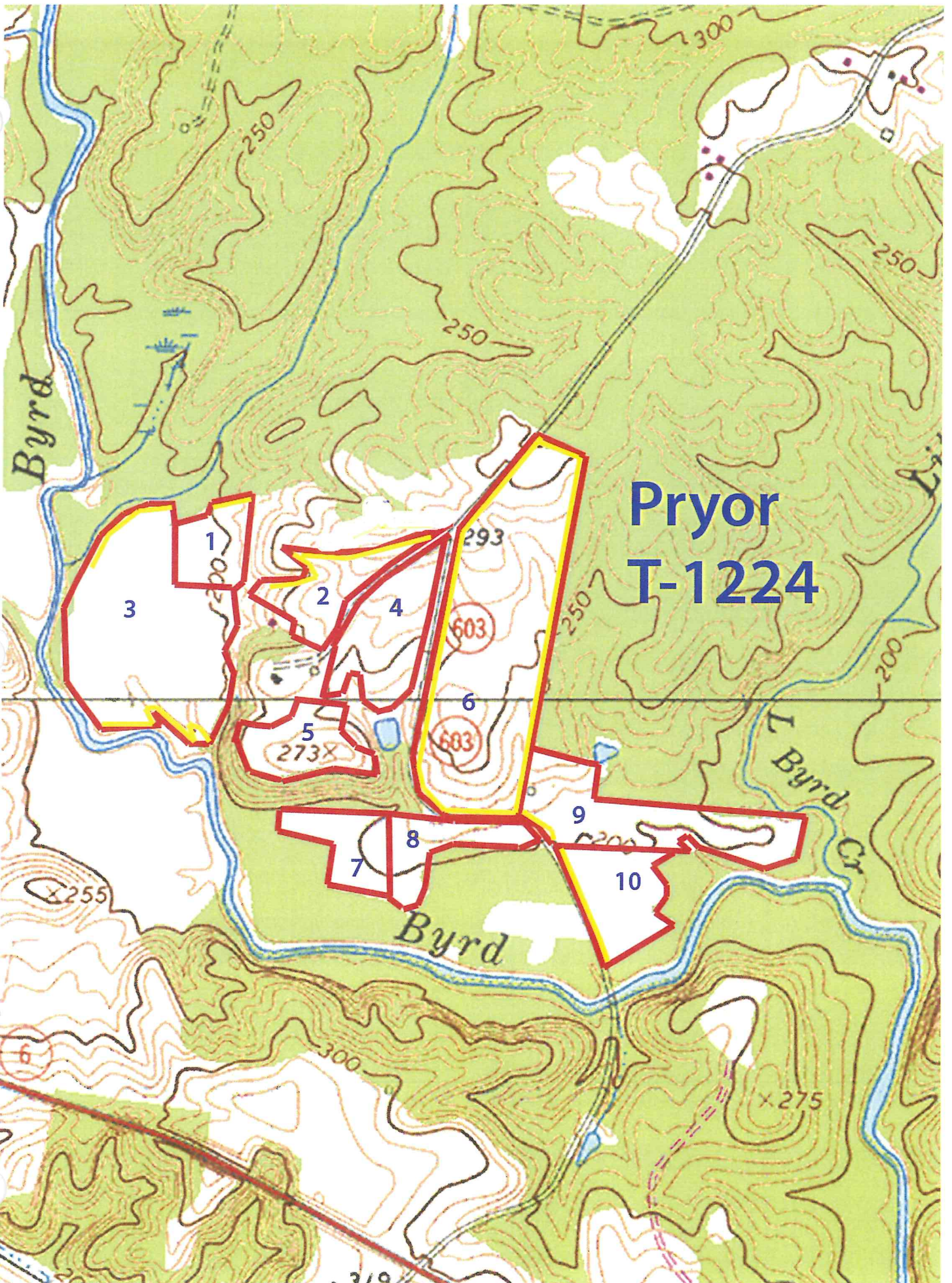


# NutriBlend

BIO SOLIDS LAND APPLICATION

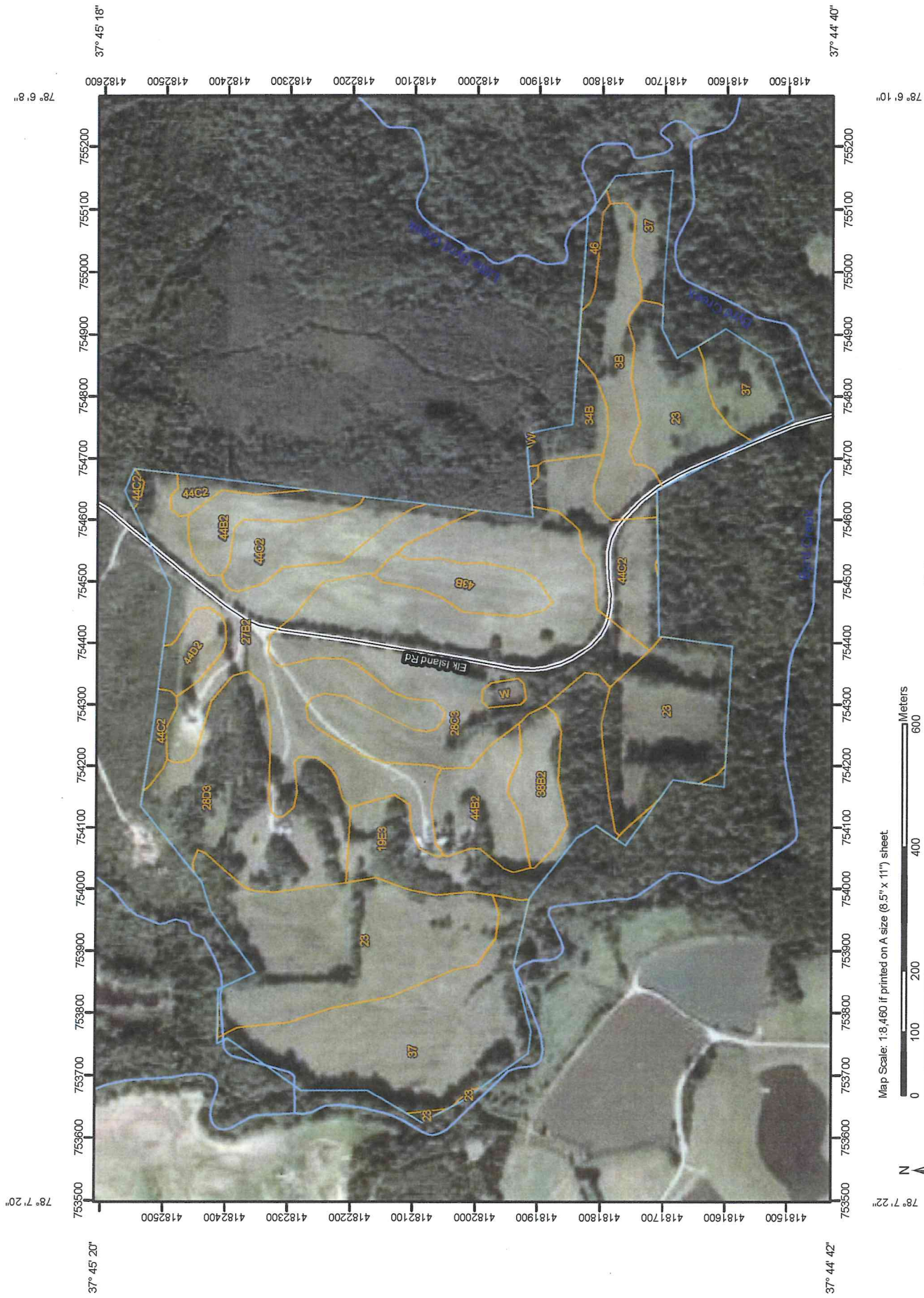








# Soil Map—G...nd County, Virginia





**Pryor  
Tract T-1224  
Field Data Sheet**

Field	Total	Tract Coordinates	
	Acres	Latitude	Longitude
1	6.6	37°45'01"	77°06'42"
2	2.4		
3	25.3		
4	6.3		
5	7.5		
6	32.0		
7	5.1		
8	4.3		
9	8.8		
10	7.6		
<b>SUM</b>	<b>105.9</b>		